

# Organelle City

## 30 points

### Objective

You and a partner are going to create a presentation using Google Drive to review cellular organelles and their functions. You are going to relate the function of the following ten organelles/structures to the function of various buildings/areas of a city. You will then be presenting your “city” to the class.

- |                 |                          |
|-----------------|--------------------------|
| 1. Nucleus      | 6. Endoplasmic Reticulum |
| 2. Vacuole      | 7. Golgi apparatus       |
| 3. Lysosome     | 8. Chloroplast           |
| 4. Cytoskeleton | 9. Mitochondria          |
| 5. Ribosomes    | 10. Cell membrane        |

### What to Include in your Presentation

You need 11 total slides

- Slide 1
  - Include a title and your names
- Slides 2-11 (under “slide,” select “apply layout” and choose “title and 2 columns”)
  - Title: Name of organelle
  - Left hand column:
    - Function
      - Explain job of organelle in the cell
    - “Building”
      - Give the name/type of building and explain how its function relates to the organelle’s function
  - Right hand column:
    - Picture of that organelle
    - Picture of the building you picked to represent that organelle

### Grading

- Name and Function of Organelle: 1 point each (10 total points)
- Building and Connection to Organelle : 1 point each (10 total points)
- Pictures of Organelles and Buildings: 1 point each (10 total points)

## Using Google Drive

1. Go to gmail.com
  2. Log in to your school email account (firstname.lastname@fortcherry.org)
  3. Click on Drive (near top of screen under Google Apps Icon)
  4. **One person per group** click “New” and select Google Slides (yellow)
  5. When the new window opens, click File and Rename
  6. Enter both of your names and “organelles” as the new title and click OK
  7. Click “Share” in the upper right-hand corner
    - Under the text box that says “People,” type your partner’s email address
    - Make sure the box next to it says “Can edit”
    - Click “Done”
    - Your partner can then find the presentation under the link “Shared with me”
  8. Now you and your partner can actually work simultaneously on two different computers to enter the information for your presentation once you each open your file again
- Note:
- Make sure you are each working on different slides
  - It saves automatically every few seconds
  - You can access it from home to continue working by logging into your email account

When you are COMPLETELY FINISHED with your presentation, you MUST send me your presentation to get full credit by doing the following:

- Click “Share” in the upper right-hand corner
- Under “People,” type [pamos@fortcherry.org](mailto:pamos@fortcherry.org)
- Then click “Done”